CHRISTIE LX45

Perfect Presentation Performance

Wherever there's a need for high brightness, high performance displays, you'll find Christie's LX45. In boardrooms or conference rooms, churches and small auditoriums or training centers, this 3-panel LCD projector is designed for high performance, installation durability and ease of use.

With 4500 ANSI lumens, the new LX45 is a powerful presentation resource in Christie's broad product line-up. Featuring native XGA resolution with scaling up to SXGA and a remarkable 1100:1 contrast ratio, the LX45 creates flawless displays. The latest progressive scan video provides crisp, clean, artifact-free video for brilliant presentations. Our onboard color management system lets you adjust color shades independent of tint and contrast to produce a perfect image. With performance features like these, your presentation material leaps off the screen!

For maximum flexibility, the LX45 offers front, rear and ceiling mount orientations, plus a complete range of short and long-throw lenses so you can place the projector wherever you need to. Multiple inputs and outputs let you connect to any source on the market. Optical and digital keystone place a perfectly square image on the screen, regardless of your environment challenges. The wireless remote operates as a wireless mouse, offering complete flexibility in any presentation.

Christie's optional ChristieNET™ connectivity module can connect the LX45 to any network for monitoring and control, independently or on your network.

All this performance power is easy to use, with fast set- up straight out of the box. Single press menus with direct control for quick access to key functions and an intuitive graphical user interface mean simple navigation. Our Fast Lens Change (FLC) bayonet-style mounting system means quick, effortless lens changes. The motorized lens shift makes positioning your image uncomplicated. A user-definable start-up screen lets you make an impression immediately. The user-replaceable lamp means maintenance is simple.

For compelling visual displays in a compact solution, Christie's LX45 is perfect presentation performance.

- **High brightness 4500 ANSI lumens and high contrast ratio up to 1100:1 for consistent image clarity for demanding video applications**
- **Progressive-scan video decoding electronics with automatic 3:2 pulldown for crisp video reproduction**
- **Lightweight and compact — portability for use as shared asset**
- **XGA native resolution with scaling for VGA up to UXGA for connection to most computers/laptops**
- **Flexible and configurable for set-up anywhere; easy to use with broad connectivity, a range of optional lenses, 31-400" diagonal image, power zoom, focus, up/down lens shift**
- **Optical and digital keystone correction to place a perfect rectangular image anywhere**

APPLICATIONS

- Conference Centers
- Campuses
- Churches

CHRISTIE

Project. Present. Perform.

LX45 • Specifications

Brightness
- 4500 ANSI Lumens
- 90% brightness uniformity

Contrast Ratio
- 1100:1 on/off

Resolution
- 3 x 1.3" p-Si Active Matrix TFT LCD panels with Micro Lens Array
- True XGA 1024 x 768
- 8-bit color resolution offering 16.7 million displayable colors

Dynamic Scaling
- Digital scaling of VGA to UXGA
- Digital de-interlacing of STV, DTV and HDTV formats with DDT technology

Horizontal Frequency Range
- 15 to 100kHz

Vertical Frequency Range
- 50 to 100Hz

- Auto detects PAL, PAL-M, PAL-N, NTSC, NTSC4.43 and SECAM video standards
- Compatible with DTV/HDTV formats 480i, 480p, 575i, 575p, 720p, 1035i and 1080i
- HDTV compatible 800 TV lines horizontal resolution
- Digital Visual Interface (DVI-D) compatible, HDCP-compliant
- Video decoder with progressive scan decoding and automatic 3:2 pull-down

Enhanced Feature Set
- 3D digital noise reduction
- Power zoom and focus
- Motorized lens shift (up/down)
- Digital keystone correction: vertical +/- 40°, horizontal +/- 10°
- Digital zoom and pan (max. x49)
- User-definable start-up screen
- Software lock for remote and control pad operation
- Linear Fan Control System (FCS) for quiet operation

- Operating humidity: 20 - 80% (storage 0 - 90%)
- Acoustic noise level: 36dBA

Weight & Size
- 18.5 lbs (8.4kg) without lens
- 12.6" W x 6.6" H x 16.9" L
- 319mm W x 168mm H x 429mm L

Standard Accessories
- Remote control keypad with mouse control and laser pointer (IR/Wired operation)
- User manual
- Computer cable, HD15-HD15
- MAC/VGA adapter
- Mouse control cable (PS/2, Serial and MAC)
- Dust cover
- Lens cover
- AC cord x 2 (UL and European)
- Lens adapter kit

FEATURES

- *A 300W NSH lamp makes Christie's LX45 the brightest single lamp LCD projector.*

- *Easy to use, the LX45 has single press menus with direct access to key functions.*

- *Maximum input flexibility, local monitoring through HD15 connector.*

Dot Clock
- 160MHz

Optional Lenses
The LX45 is lens-less configuration; optional lenses include:
- Short throw fixed 0.8:1 lens
- Short zoom 1.3-1.8:1 lens
- Zoom 1.8-2.4:1 lens
- Long zoom 2.4-4.3:1 lens
- Ultra-long zoom 4.3-6.0:1 lens

Vertical Lens Shift
- From 10:0 (up) to 1:1 on axis

Inputs
- Input 1: DVI-D (24-pin digital RGB) or HD15 (analog RGB); audio input (stereo mini-jack)
- Input 2: 5 BNC (RGBHV, YPbPr, YCbCr); audio input (stereo mini-jack)
- Input 3: RCA (composite, YPbPr, and YCbCr), S-Video (4-pin mini DIN); audio input (2 x RCA L/R)
- Control port input: (8-pin mini DIN and USB type B)

Outputs
- HD15 (analog RGB)
- Audio (stereo mini-jack)
- Two built-in 2W RMS speakers (per channel) and amplifier

Source Compatibility
- Compatibility with VGA, SVGA, XGA, SXGA, MAC, SUN and SGI sources
- Accepts composite video, S-Video and component video from VCR, DVD, laser disc players and video cameras

Control/Networking
- Automatic set-up (phase/tracking/positioning)
- USB Type B
- LED display for diagnostics
- Remote control jack
- Optional ChristieNET™ for connection to TCP/IP network
- IR remote keypad with laser pointer and mouse control
- Front and rear IR receivers

Graphical User Interface
- Easy set-up and intuitive onscreen display (OSD)
- Direct-key functions
- Image aspect ratios: standard 4:3 or wide 16:9
- Multi-language OSD (English/German/French/Spanish/Italian/Portuguese/Dutch/Swedish/Chinese/Korean/Japanese/Russian)

Lamp Specification
- 300W NSH lamp
- Lamp life of 1000 hours (typical)
- User replaceable lamp

Power Requirements
- Universal power AC 100 - 240V +/- 10%, 50/60Hz
- Current rating: 5.2A @ 120V, 2.6A @ 240V
- Power consumption: 465W maximum (450W economy mode)
- Thermal dissipation: 1590 BTU/hr or 1385 BTU/hr in economy mode
- Operating temperature: 40° to 95° F (5° to 35° C); Storage: 14° to 140° F (-10° to 60° C)

Optional Accessories
- Short throw fixed 0.8:1 lens
- Short zoom 1.3-1.8:1 lens
- Zoom 1.8-2.4:1 lens
- Long zoom 2.4-4.3:1 lens
- Ultra-long zoom 4.3-6.0:1 lens
- Logo software
- ChristieNET™ networking
- Lamp module
- Ceiling mount
- Shipping case

Anti-theft Security
- Compatible with Kensington® Microsaver

Regulatory Approval
- Complies with all relevant worldwide EMC, EMI and safety standards
- The product complies with FCC Class B, CSA C22.2 No. 950, UL 1950, cUL and IEC950 (EN60950)

Warranty
- Limited warranty 3 years parts and labor (excluding lamp)
- Lamp warranty 120 days or 500 hours (whichever comes first)

Reliability
- Mean time between failure (MTBF) over 22000 hrs

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Designed under ISO 9001

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Due to constant research, specifications are subject to change without notice.

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